

XM Tour Metrics .. PDN + BDW March 14 2006

Tour	IF1	IB1	IB2	OF1	OB1	OB2	QX1	IX1
Low/med phase at < 20 Rs	OK	OK	OK	OK	OK	OK	OK	OK
High phase at <10 Rs	OK	OK	OK	OK	OK	OK	OK	OK
Sunlit rings before equinox	OK	OK	OK	OK	OK	OK	no	OK
Sunlit rings after equinox	OK	OK	OK	OK	no	no	OK	OK
Prometheus-F collision?	OK	OK	OK	OK	OK	no	OK	OK
Inclined orbits > J/Epi swap (2/10) ?	no	no	no	no	no	no	OK	OK
0-phase views?	good	good	OK	OK	bad	poor	poor	no
I > 75 deg?	30	30	38	5	39	17	33	33
3 < I < 20 deg ?	3	3	2	7	2	5	3	NONE
Equat. revs?	yes	yes	yes	yes	yes	yes	no	no
Final incl.	0	0	0	0	0	0	18	40
Ring Viewing 6 months > Equinox	no	no	no	no	no	no	yes	yes
Equat. after	2010.1	2010.1	2010.1	2010	2010.3	2009.9	--	--
INITIAL petal APO hour angle	11	11	11	11	11	11	11	11
Final petal APO hour angle	9	2 MT	3	17	9	7.5	23 MT	6.5
PETAL ROTATION DIRECTION	CW	CW	CW	CCW	CW	CW	CW	CW
RSS OCCs EARLY	?ok?	?ok?	?ok?	?ok?	?ok?	?ok?	?ok?	?ok?
RSS OCCS low inc	3 opps	3 opps	2 opps	1 opp	1 opp	3 opps	NONE	NONE
UVIS OCCS at Low Inclination	poor	poor	poor	ok	poor	ok	poor	NO
HI-RES LIT RINGS < 10d of Solar Equinox	OK	OK	OK	ok	ok	poor	poor	OK
OVERALL Viewing in various Geometries	V_GOOD	V_GOOD	OK	WORST	BEST	OK	GOOD	OK